

M e m o r a n d u m

Date: July 26, 1996

To: Agency Ecosystem Review Team (AERT)

From: Dick Daniel

Subject: AERT Special Meeting on Time Value of Water Activities

Enclosed for your review, is an agenda and a handout for the AERT special meeting on "Time Value of Water," on Wednesday, July 31, 1996 in room 1142, of the Resources Building, from 9:00 am to 12:00 noon.

"Time Value of Water" is the resource value of net water flow at selected locations in the Bay-Delta, rivers, and tributaries at any specific time (month in the example) of the year. Resources for which value of water is being considered include various important fish species, selected water quality parameters. We may also consider wetland and selected wildlife values.

"Time Value of Water" is being considered for setting priorities for water allocation to fish and wildlife (to the most valuable) and exports from the Delta or other locations (to the least valuable water for fish and wildlife). This tool will help in Phase II of the CALFED Bay-Delta Program to refine conveyance and storage components. The tool will identify the relative ecological importance of flow at selected locations within the watershed. It will also help identify windows of opportunity to divert water to offstream storage upstream, within, or downstream of the Delta.

The handout presents example results for the American River for the fall chinook salmon resource. Additional examples will be presented for the Delta at the meeting. I envision an array of time value matrices for various locations in the Bay-Delta, rivers, and tributaries by resource categories.

I am looking for your input on the concept, approach, and example results. In addition, I envision the group participating in developing the matrix values, including value of water flow by resource and location, weighting factors among the months, the different resources, and potential locations.

I hope the materials will assist you in understanding the concept and approach. I look forward to your input and suggestions at Wednesday's meeting.

Enclosures

CALFED Agencies

California

The Resources Agency
Department of Fish and Game
Department of Water Resources
California Environmental Protection Agency
State Water Resources Control Board

Federal

Environmental Protection Agency
Department of the Interior
Fish and Wildlife Service
Bureau of Reclamation
Department of Commerce
National Marine Fisheries Service